PCT09

RAW SEQUENCE LISTING

DATE: 08/21/2002

PATENT APPLICATION: US/09/762,028 TIME: 14:03:29

Input Set : A:\EP.txt

Output Set: N:\CRF3\08212002\I762028.raw

	oueput 566. 11. (CR13 (OU212002 (2 . 00001201		750								
3 <	110> APPLICANT: Yang, Fei	EITED									
4	Sun, Yongming	transaction of the	E W								
5	Recipon, Herve										
6	Macina, Roberto										
8 <	120> TITLE OF INVENTION: A Novel Method of Diagnosing,	Monitoring,	Staging, Imaging								
and Treat		,,,									
9	Lung Cancer										
	130> FILE REFERENCE: DEX-0146										
	140> CURRENT APPLICATION NUMBER: US 09/762,028										
	> CURRENT FILING DATE: 1999-07-19										
	50> PRIOR APPLICATION NUMBER: US 60/095,233										
	<150> PRIOR APPLICATION NUMBER: 05 00/093,233 <151> PRIOR FILING DATE: 1998-08-04										
	1515 PRIOR FILING DATE: 1996-06-04 160> NUMBER OF SEQ ID NOS: 6										
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	210> SEQ ID NO: 1										
	211> LENGTH: 174										
	212> TYPE: DNA										
	213> ORGANISM: Homo sapien										
	400> SEQUENCE: 1										
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31 +	tttatggtg ggttataatt gtototagta gattotgtga gtotaaaaca	ataggaagac	120								
31 t	gtgctccat tagcttgtca tgcaattttt aactttgaca atagactttt	ttta	174								
	210> SEQ ID NO: 2	J									
	211> LENGTH: 276										
	212> TYPE: DNA										
	213> ORGANISM: Homo sapien										
	400> SEQUENCE: 2										
	agaggagte tggaggtagg gtecaaggge cacgagecag tttgggetge	tggaggggg	60								
	ctqqcaaqq aqqqctctcq gggaagcacc tgtgggggtc tgcttcctga		120								
	tagaggeet cectecetee aggeeceeca agecaggetg agecageege		180								
	agcagtgcc caccttgcgc ccagtgtggc cagagcttcg gccggaagga		240								
	cgcaccage gegtgeateg tggceceegg cettte	, , , ,	276								
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	211> LENGTH: 347										
	212> TYPE: DNA										
	213> ORGANISM: Homo sapien										
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	221> NAME/KEY: misc_feature										
	222> LOCATION: (279)(280)										
	223> OTHER INFORMATION: n=a, c, q, or t										
	220> FEATURE:										
	221> NAME/KEY: misc_feature										
	222> LOCATION: (282)(282)										

67 <223> OTHER INFORMATION: n=a, c, g, or t

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	79 ggccaggatc atgtccacca ccacatgcca agtggtggcg ttcctcctgt ccatcctggg	120
	81 gctggccggc tgcatcgcgg ccaccgggat ggacatgtgg agcacccagg acctgtacga	180
		240
	83 caaccecgtc acctccgtgt tccagtacga agggctctgg aggagctgcg tgaggcagag	
W>	85 ttcaggette accgaatgea ggeectattt caccateenn gnactteeag ecatgetgea	300 347
W>	87 ggcagtgcga nccctgatga tcgtaggcat cgtcctgggt gccattg	34/
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	100 ggcccagttt ggaggcctgc ccgtgcccct ggaccagacc ctgcccttga atgtgaatcc	180
	102 agccctgccc ttgagtccca caggtcttgc aggaagcttg acaaatgccc tcagcaatgg	240
	104 cetgetgtet gggggcetgt tgggcattet ggaaaacett cegeteetgg acateetgaa	300
	106 gcctggagga ggtacttctg gtggcctcct tgggggactg cttggaaaag tgacgtcagt	360
	108 gatteetgge etgaacaaca teattgacat aaaggteact gacceccage tgetggaact	420
	110 tggccttgtg cagagecetg atggccaeeg tetetatgte accatecete teggcataaa	480
	112 gctccaagtg aatacgcccc tggtcggtgc aagtctgttg aggctggctg tgaagctgga	540
	114 catcactgca gaaatettag etgtgagaga taageaggag aggateeace tggteettgg	600
	116 tgactgcacc cattcccctg gaagcctgca aatttctctg cttgatggac ttggccccct	660
	118 ccccattcaa ggtcttctgg acagcctcac agggatcttg aataaagtcc tgcctgagtt	720
	120 ggttcagggc aacgtgtgcc ctctggtcaa tgaggttctc agaggcttgg acatcaccct	780
	122 ggtgcatgac attgttaaca tgctgatcca cggactacag tttgtcatca aggtctaagc	840
	124 cttccaggaa ggggctggcc tctgctgagc tgcttcccag tgctcacaga tggctggccc	900
	126 atgtgctgga agatgacaca gttgccttct ctccgaggaa cctgccccct ctcctttccc	960
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	134 <213> ORGANISM: Homo sapien	
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	141 caggcctgga gttgtgtgac cetececace geetggeett etceatgggg getggeettt	180
	143 totoggtggt gggcaccotg otgotgooog gootggotgo gottgtgoag gactggogto	240
	145 ttctgcaggg gctgggtgcc ctgatgagtg gactcttgct gctcttttgg gggaggaggt	300
	147 ggagggagce gtgggcatce teaccaacge tgeaggttee eggeeetgtt eccegagtet	360
	149 ccctgctggc tgctggccac aggtcaggta gctcgagcca ggaagatcct gtggcgcttt	420
	151 gcagaagcca gtggcgtggg ccccggggac agttccttgg aggagaactc cctggctaca	480
	153 gagetgacea tgetgtetge aeggageeee eageeeeggt accaeteeee aetggggett	540
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/762,028

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Input Set : A:\EP.txt

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159 <211> LENGTH: 256 160 <212> TYPE: PRT																
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165	Met					Gly	Leu	Ile	Val	Phe 10	Tyr	Gly	Leu	Leu	Ala 15	Gln
166	1 Thr	Mot	λΊа	Gln	-	G1v	G1v	Τ.Δ11	Pro		Pro	T.e.11	Asp	Gln		Leu
170		Mec	Ala	20	rnc	OLY	Ory	пси	25	,	110	Lea	no _P	30	****	200
	Pro	Leu	Asn		Asn	Pro	Ala	Leu		Leu	Ser	Pro	Thr	Gly	Leu	Ala
174			35					40					45	_		
177	Gly	ser	Leu	Thr	Asn	Ala	Leu	Ser	Asn	Gly	Leu	Leu	Ser	Gly	Gly	Leu
178		50					55					60				
181	Leu	Gly	Ile	Leu	Glu		Leu	Pro	Leu	Leu		Ile	Leu	Lys	Pro	
	65				_	70			_ •	1	75	_	a 1	_	**- 1	80
	Gly	Gly	Thr	Ser		GLy	Leu	Leu	GLY		Leu	Leu	GIY	Lys	vа 195	Tnr
186		1	~1.	D	85	т	7 ~~	7 ~ ~	т1 о	90 Tlo	7 an	т1 о	Lvc	1751		7 an
189	Ser	vaı	ше	100	GTY	ьeu	ASII	ASII	105	ше	ASP	тте	пуѕ	110	1111	АБР
	Pro	Cln	Lan		Glu	T.e.11	Glv	Leu		Gln	Ser	Pro	Asp		His	Ara
194		GIII	115	БСС	O.L.	пси	011	120	, 42	0			125	1		
	Leu	Tvr		Thr	Ile	Pro	Leu	Gly	Ile	Lys	Leu	Gln	Val	Asn	Thr	Pro
198		130					135					140				
201	Leu	Val	Gly	Ala	Ser	Leu	Leu	Arg	Leu	Ala	Val	Lys	Leu	Asp	Ile	
	145					150					155					160
	Ala	Glu	Ile	Leu		Val	Arg	Asp	Lys		Glu	Arg	Ile	His		Val
206					165		~	_	~ 1	170	т	a 1-	т1.	G a m	175	т о
	Leu	Gly	Asp		Thr	His	Ser	Pro	185	ser	Leu	GIN	тте	190	ьeu	ьeu
210	Asp	a 1	T 011	180	Dro	T OU	Dro	Tla		Clv	Τ.Δ11	T.011	Δsn		T.eu	Thr
$\frac{213}{214}$	_	СТУ	цеи 195	GIY	PIO	ьeu	PIO	200	GIII	Сту	цец	пси	205	DCI	Leu	1111
	Gly	Tlo		Agn	Lws	Va l	Leu		Glu	Leu	Val	Gln		Asn	Val	Cvs
218	-	210	пси	71511	цуБ	, 4	215		0		,	220	1			- 4
	Pro		Val	Asn	Glu	Val	Leu	Arg	Gly	Leu	Asp	Ile	Thr	Leu	Val	His
222	225					230					235					240
225	Asp	Ile	Val	Asn	Met	Leu	Ile	His	Gly	Leu	Gln	Phe	Val	Ile		Val
226	_				245					250					255	

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/21/2002 PATENT APPLICATION: US/09/762,028 TIME: 14:03:30

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 279,280,282,311